

Title (en)  
SLIDING MEMBER

Title (de)  
GLEITELEMENT

Title (fr)  
ÉLÉMENT DE PALIER LISSE

Publication  
**EP 3372855 B1 20200408 (EN)**

Application  
**EP 18159184 A 20180228**

Priority  
JP 2017042861 A 20170307

Abstract (en)  
[origin: EP3372855A2] Provided is a partially-cylindrical sliding member including a sliding layer including fibrous particles having an average particle size of 5 - 25  $\mu\text{m}$  dispersed in a synthetic resin at a volume ratio of 10 - 35% of the sliding layer. The particles having a major axis length  $\geq 20 \mu\text{m}$  are included at a volume ratio of  $\geq 10\%$  to total particles. A sliding surface side area is defined from the sliding surface and has a thickness of 25% of a sliding layer thickness T, where the fibrous particles having a major axis length of  $\geq 20 \mu\text{m}$  have a dispersion index of 1.1 - 6. An interface side area is defined from the interface and has a thickness of 25% of T, where the dispersion index is 1.1 - 6. An intermediate area is defined between the both areas, where the dispersion index is 0.1 to less than 1.

IPC 8 full level  
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